

CITY OF DURHAM

Solid Waste Disposal Plan

Phase 1 Report

DURHAM



1869

CITY OF MEDICINE

DEPARTMENT OF
SOLID WASTE
MANAGEMENT

PERMIT # 32-10-TP
CITY OF DURHAM
HAZARDOUS HOUSEHOLD WASTE
HOURS
MON - CLOSED
TUES / WED - NOON - 6:00 PM
THUR / FRI - 7:30 AM - 3:00 PM
SAT - 7:30 AM - 3:00 PM
CLOSED ON HOLIDAYS
OFFICE 560-4186
CALL 911 FOR EMERGENCIES
A SERVICE PROVIDED BY
SOLID WASTE MANAGEMENT



PRESENTATION
JANUARY 5, 2012

Solid Waste Disposal Plan

► Phase 1

- ▣ Review current operations**
- ▣ Analyze Solid Waste Department financials**
- ▣ Define procurement process for Phase 2**

► Phase 2

- ▣ Develop and issue RFP**
- ▣ Evaluate in the City's best interests**
- ▣ Define and adopt the Plan and course of action**

► Phase 3

- ▣ Implement the Plan**

Phase 1 – Current Operations

- ▶ **City Solid Waste Management Facilities**
 - ▣ Household Hazardous Waste (HHW) Facility
 - ▣ Yard Waste Grinding Operation
 - ▣ Solid Waste Disposal and Recycling Center
- ▶ **Seven Private Service Contracts**
 - ▣ Transfer station operations and waste disposal
 - ▣ Recycling materials transfer and processing
 - ▣ Household hazardous waste collection and disposal
 - ▣ Yard waste grinding
 - ▣ Recycling container (roll carts) management
 - ▣ Scrap tire disposal
 - ▣ Stationary container collection

Phase 1 – Current Operations

- ▶ **Permitting considerations**
 - ▣ Environmental
 - ▣ UDO - Zoning
- ▶ **2010 private proposals**
 - ▣ Republic Services
 - ▣ Waste Industries
 - ▣ Sonoco Recycling
- ▶ **Potential regional disposal options**
 - ▣ 100-mile radius
 - ▣ Reach out to Orange County and municipalities

Phase 1 – Findings

- ▶ City provides a high level of service
- ▶ Private service contracts are, and will be integral to your waste management system
- ▶ Past changes to contracts and operations save the City approximately \$3.1 Million annually
- ▶ Private proposals offered in 2010 provide no additional benefits
- ▶ Scale House makes 65,000 transactions and records \$5.9 Million revenue annually
- ▶ UDO and Site Development permitting will drive future

Phase 1 – Conclusions

- ▶ Regardless of potential alternatives, City should focus on most probable plan with flexibility
- ▶ More money can be saved by evaluating and re-negotiating/bidding service contracts, and training staff to perform additional tasks
- ▶ Scale-house systems and traffic flow at the Solid Waste and Recycling Center should be modified and upgraded
- ▶ The Solid Waste and recycling Center is critical for good competition and the sustainability of the Solid Waste Management Department

Phase 2 – Next Steps

- ▶ **Major Goals of Disposal Plan**
 - ▣ Increase waste reduction and recycling
 - ▣ Improve operational efficiency and net costs
 - ▣ Continue partnering with private service providers
- ▶ **Achieve best case for City through strong competition**
- ▶ **Maintain control over facilities and flexibility for future options**
- ▶ **Comprehensive, integrated = Best Solution**

Phase 2 – Next Steps

- ▶ **Issue RFP for disposal and recycling services**
- ▶ **Allow a variety of options for private sector to propose**
- ▶ **Select the combination of services and providers that are best for the City**
- ▶ **Complete the procurement quickly to further reduce costs and increase revenue**

Phase 2 – Additional Savings

- ▶ Conduct a rate study to match services with a revenue structure – every service
- ▶ Develop policies and procedures to maintain the health of the Solid Waste Enterprise
- ▶ Move household hazardous waste to the convenience center and re-structure service contract
- ▶ Negotiate improvements to private service contracts
- ▶ Study the feasibility of modifying the yard waste facility for organics composting

Phase 2 – Roles & Responsibilities

▶ CHA-Kessler role

- ▣ Vendor qualifications
- ▣ Design parameters
- ▣ Performance standards
- ▣ Support to City staff
- ▣ Evaluations
- ▣ Recommendation

▶ City assistance with Phase 2

- ▣ Legal review and input on contracts
- ▣ Define minimum financial strengths of proposers
- ▣ Determine evaluation criteria for RFP

Phase 2 – 2012 Schedule

1 QTR

- **Extend engineering contract to Phase 2**
- **Develop and issue disposal and recycling RFP**
- **Initiate service contract negotiations**
- **Plan the household hazardous waste move**
- **Initiate rate study**

2 QTR

- **Evaluate proposals**
- **Initiate health of fund process**
- **Continue with contract negotiations/re-bidding**
- **Establish rate structure goals and objectives**

3 QTR

- **Select disposal and recycling provider(s)**
- **Adopt Disposal Plan and overall Enterprise strategy**

4 QTR

- **Initiate Disposal Plan Implementation**
- **Consider organics composting**

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